LT-3200-DMX512
DMX512 Dimmer

User's Manual

(Pls kindly read through instructions before use)

Forward

Thanks for choosing our LT-3200-DMX512 dimmer. Before installation and use, we strongly recommend you to read through this manual carefully. If device has been damaged during transport, please report it to your supplier immediately. Please don't take any action without contacting your supplier first.

After-sales Service

From the day you purchase our products within a year, if being used properly in accordance with the instruction, and quality problems occur, we provide free repair or replacement services except the following cases:

1. Any defects caused by wrong operations..
2. Any damages caused by unauthorized removal, maintenance, modifying circuit, incorrect connections and replacing chips.
3. Any damages due to transportation, vibration etc after the purchase.
4. Any damages caused by earthquake, fire, lightning strike, pollution and abnormal voltage.
5. Any damages caused by negligence, inappropriate storing at high temperature and humidity environment or near harmful chemicals.
6. Product has been updated

Safety Warnings

1. Please don't install this controller in lightening, intense magnetic and high-voltage fields.
2. To reduce the risk of component damage and fire caused by short circuit, make sure correct connection
3. Always be sure to mount this unit in an area that will allow proper ventilation to ensure a fitting temperature.
4. Check if the voltage and power adapter suit the controller & if anode or cathode definition is the same as the controller's.
5. Don't connect cables with power on, make sure a correct connection and no short circuit checked with instrument before power on.
6. Please don't attempt any repairs yourself; doing so will void your manufacture's warranty.

For update information, kindly please consult with your supplier.

Product Brief

LT-3200 is an intelligent dimmer specially designed for LED lighting, it adopted the most advanced PWM (pulse-width-modulation) digital brightness-adjusting technology that enables you adjust the brightness with the infinite knob and also can adjust the brightness far away with the IR wireless controller. It is suitable for installation of commercial and household 86-style socket, you can install it visibly outside the wall or invisibly inside the wall, it can meet different brightness requirements at different time by install the dimmer, also it can extend the LED life tenure, save the energy, it can control hi-power or low-power LED lamps.

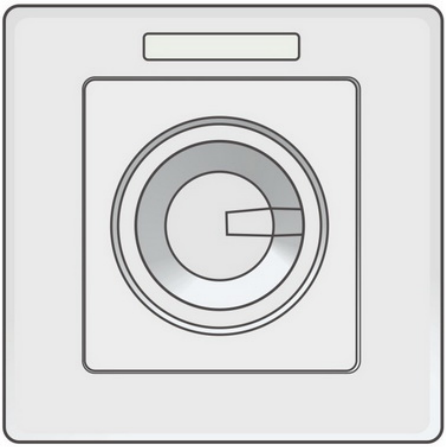
Ⅰ.Technical Specs

Model NO.	**LT-3200-DMX512**
Input and output power	DC12V～DC24V
Output signal	DMX512/1990
Grey scale	256levels
Switch size	L87×W87(mm)
IR controller size	L86×W33(mm)
Package size	L96×W91×H61(mm)
Gross weight	200g

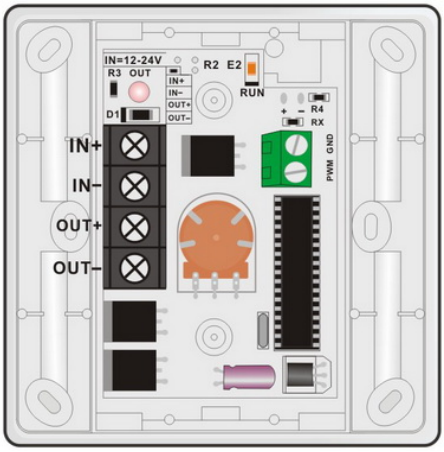
Ⅱ.Features

1. 0～100％ brightness adjust, infinite knob style dimming+ wireless IR remote dimming;
2. 256 grey scales, soft & smoothly, without flicker;
3. PWM digital dimming + programs without current surge, longest life tenure of LED;
4. 25%、50%、75%、100% , 4 shortcuts of brightness options available;

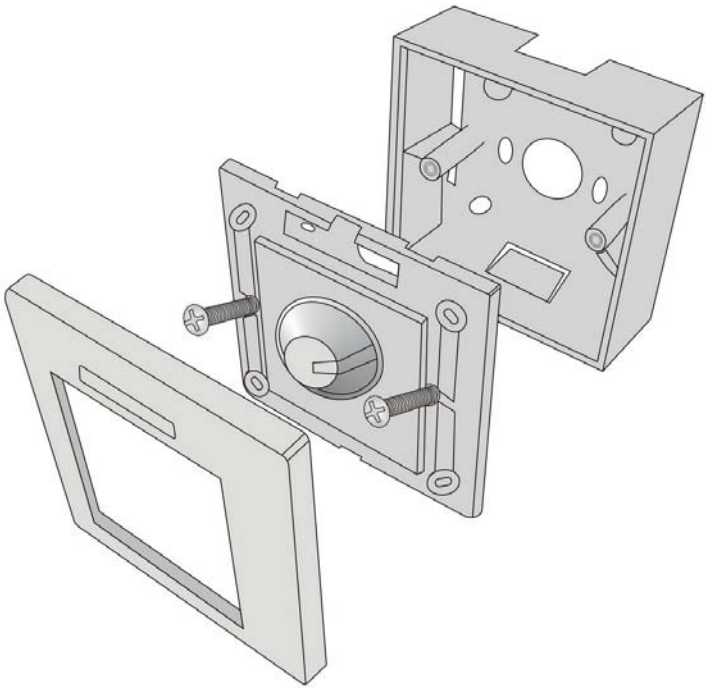
Ⅲ. Structure



Front view

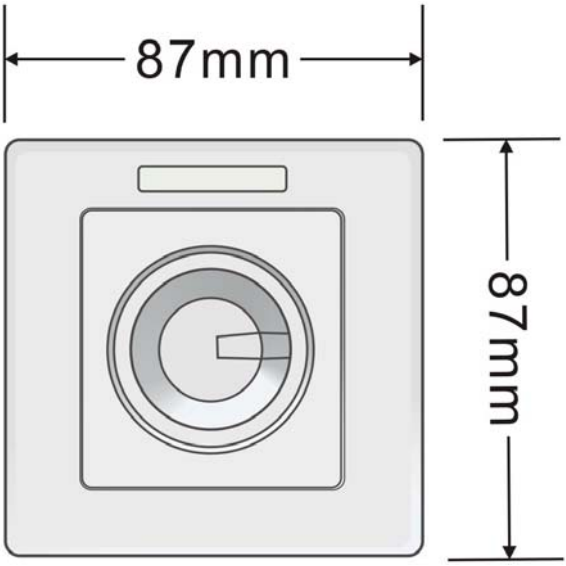


Rear view

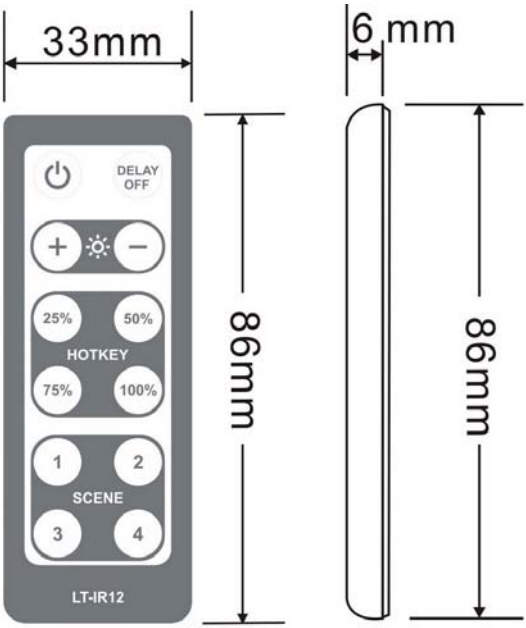


Main structure

Ⅳ. Product Dimension



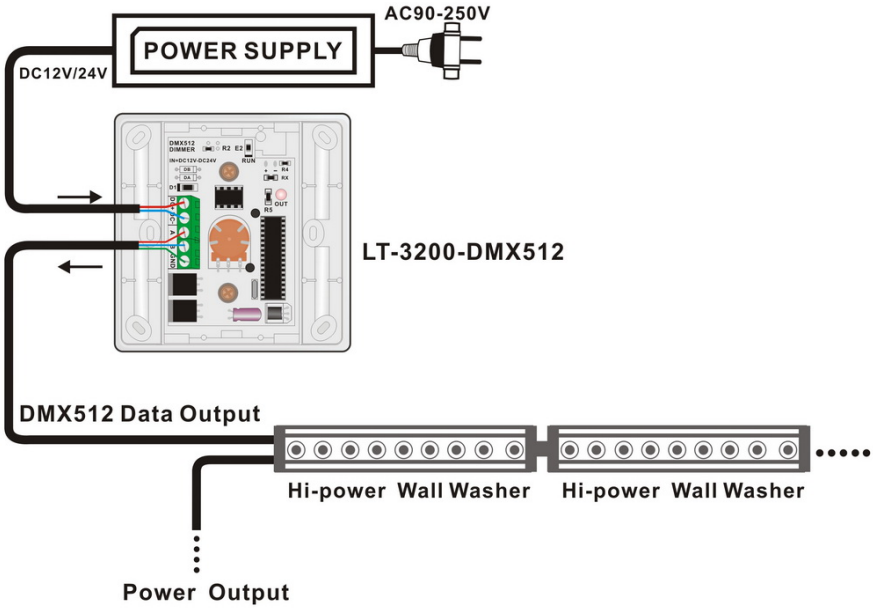
Dimmer size



IR remote controller size

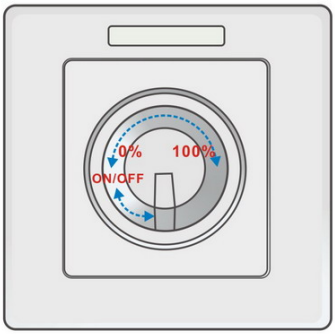
Ⅴ. Connecting scheme

1. Connect to LED lamps with dmx chip inside;

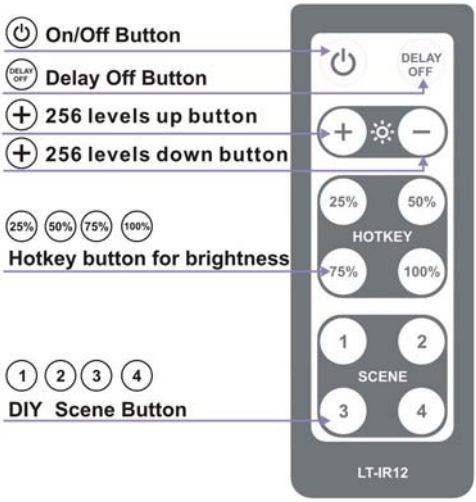


Ⅵ. Instructions

1. On button.



The knob of the dimmer



The definition of the key

2. The detailed definition of the button

Signal	Button	Description
	ON /OFF	**on/off key**：start or turn off the LED lamp At the off statue, press any key to start the LED lamp

	OELAY OFF	**Delay off button：** Press this button，LED light will delay 30seconds to be off by itself
	BRT+ BRT-	**Mode+ key / -key：** Press this two buttons to increase and decrease LED brightness, total 256 levels of brightness, can change brightness continuously by holding on the button.
	HOTKEY	**Brightness keyboard shortcuts：** Can select different brightness you want directly and immediately by Pressing these 4 shortcuts.
	SCENE	**DIY mode button：**total four keys，press any key over 3 seconds until the indicator flicks several times，it means the current brightness was recorded to this button, later you can enter this mode by just pressing once.

Ⅶ. Exception handle

Malfunction	Causation	Settle
No light	1.No power from power supply 2. reverse connection of power +/- 3. Wrong or loose connection	1 .Check the power supply 2. Modify the connection 3. Check connection
Out of control	1. not the standard DMX LED lamps 2. reverse connection of DMX data cable 3. connected to LED lamps without dmx chip inside	1． Connect to standard DMX lamps; 2． Modify connection; 3. Add our DMX decoder;